NIIGATA All-Electric Injection Molding Machines

MD-S7000 SERIES
Precision All-Electric Injection Molding Machine Small Tonnage (15-130 Tons)

- M Support System to prevent platen deflection
- Strong injection pressure capability and ultra-low injection speed control
- Highly efficient pressure feed back control
- Compact footprint to save floor space

MD-S7000 SERIES
Precision All-Electric Injection Molding Machine Medium Tonnage (300 Tons)

- Strong injection pressure capability and ultra-low injection speed control
- Accurate clamp force to promote stable precision molding
- Highly efficient pressure feed back control

MD-S8000 SERIES
Precision All-Electric Injection Molding Machine Medium Tonnage (385 Tons)

- Larger moldable mold size and mold open stroke
- Accurate clamp force to promote stable precision molding
- LM Guide (Linear Motion Guide) for movable platen

MD-S6000 SERIES
Precision All-Electric Injection Molding Machine Large Tonnage (440-950 Tons)

- Highly rigid 8 OK-chassis frame to keep stable molding quality
- Precise and high-cycle molding
- High energy efficiency

NIIGATA All-Electric Vertical Injection Molding Machines

MDVR-S8000 SERIES
All-Electric Vertical Rotary Table Injection Molding Machine (50 - 165 Tons)

- Large moldable mold size
- High-speed table rotation and accurate positioning
- High precision and all-axes low pressure mold protection device
- Large shot capacity high-pressure screw electric injection system

MDVR110TYS7000
All-Electric Vertical Clamping/Injection with Rotary Table Injection Molding Machine

- Side entry for easy automation (optional)

NIIGATA Injection Molding Machines for Special Purposes

MDVR20C
All-Electric Single Station C-Frame Injection Molding Machine

- C-Frame structure for easy access
- Compact design for space-saving

MDVR220TY-6MS
CFRP Composite Molding System

- Integrated system for heated press and injection molding

Niigata’s Industry 4.0 Capabilities

- MD Monitor: Managing machine operation data up to 256 machines
- Factory View: Operating status of each machine shown at a glance in factory layout
- VNC Viewer: Remote access to machine control screen from PC or mobile device
- Message Board: Posting message on machine control screen from PC or mobile device
- E-mail (optional): Alarm and production completion notification by e-mail